

Remote Transformer-2x300W Mag 12v



DESCRIPTION

This remote magnetic transformer converts standard 120 or 277 volt line-voltage to 12 volts, providing the necessary voltage for powering a Two-Circuit MonoRail low-voltage lighting system. Each transformer includes fast-acting secondary circuit breakers that will safely turn the system off should a short occur. Once the short has been removed the breakers can be reset. Transformer powers lamp totaling up to 600 watts.

INSTALLATION

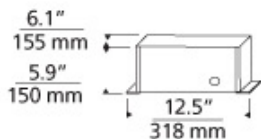
This transformer must be installed in a remote but accessible location (such as above the ceiling or in a closet). To simplify installation the transformer should be located no more than 20' from the run or power feed. The electrician will need to supply the proper gauge conductor from the transformer to the power feed location based on distance (see Low-Voltage Wire Size Table, below).

DIMMING

Transformer is equipped with two 120 or 277 volt input lines, and is dimmable with two 600 watt low-voltage magnetic dimmers. Each dimmer can control up to 300 watts. Dimmers are placed on the line side of the transformer (consult dimmer manufacturer for specifics). Dimming a transformer may create a buzzing sound, which may be objectionable in some applications. Debuzzing dimming coils can be purchased to reduce the audible noise (sold separately).

OTHER INFORMATION

12 volt output transformers require the use of 12 volt lamps. Use with a single-feed Two-Circuit canopy or other power feed option (sold separately).



LOW-VOLTAGE WIRE SIZE TABLE

Use to determine the correct THHN wire size for a recommended 3 percent drop in voltage at the specified wattage. The length shown is the length of wire from the transformer to the power feed.

12 Volt	5 ft.	6-15 ft.	16-20 ft.	21-40 ft.	41-60 ft.	61-90 ft.
300 Watt	#10 GA	#6 GA	#4 GA	#1 GA	1/0	3/0

WEIGHT

24.2lb / 10.98kg

ORDERING INFORMATION

700AT2X300T VOLTAGE

120V IN/12V OUT
 277 277V IN/12V OUT



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700AT2X300T _____

FIXTURE TYPE: _____

JOB NAME: _____

NOTES: _____

